

WINTER BARLEY

- Ideal for the entry-level cover cropper as it will not over-winter in most areas of the Midwest
- The perfect nurse crop for legumes and brassicas
- Oats offer unique symbiotic relationship with many other cover crops (increased mycorrhizae colonization)
- Oats effectively scavenge left over nitrogen, phosphorus, and potassium left over from cash crops, especially when given enough time to mature
- Heavy producer of bio-mass in 8-10 weeks; great for smothering weeds
- Left over residue (if any) in spring can easily be managed with light disking
- Spring oats can be planted in the fall, as long as it's early enough to justify 90-100 day production
- Differences exist between forage oats and earlier maturing varieties
- Best use: Silage (milk-dough stage) and hay (boot-heading stage)

Description:

Spring oats are a cool season annual cereal. Oats are helpful for suppressing weeds, preventing erosion, scavenging excess nutrients, adding biomass or as a nurse crop. If growing conditions are good, and with proper management, dry matter can be as much as 2,000 - 4,000 pounds in late summer or early fall, and 8,000 pounds in spring stands.

Planting Time: Mar-Apr, Aug-Sep

Non-Forage Benefits:

1 = Poor; 5 = Excellent

- **Compaction Alleviation:** 2
- **Weed Suppression:** 4
- **Biomass Production:** 5 (Hay); 4 (Silage)
- **Erosion Control:** 4
- **Disease/Pest Control:** 3
- **Pollinator/Beneficials:** 1
- **P & K Cycling:** 3
- **Ease of Establishment:** 4

Seeding Rate:

Mono (lbs./acre): 30-50

Mix (lbs./acre): 20-40

Forage (lbs./acre): 80-120

Seeding Info:

Carbon/Nitrogen Ratio (C:N):

Vegetative- 20:1 (Hay); Straw- 80:1 (Silage)

Seeding Depth (in./with drill): 3/4-1

Seeds/lb.: 15-18,000

Bulk Density (lbs./ft.³): 38 (Hay); - (Silage)

Aerial Application Rate: 20-60

Germination Soil Temp.: 38 F

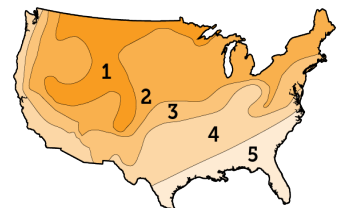
USDA Hardiness Zone: 7

Days to Emergence: 5-8



Planting Window

1. No later than September 25
2. No later than October 5
3. No later than October 15
4. No later than October 25
5. No later than November 1



PLANTING WINDOW DATES ARE FOR FALL RYE, TRITICALE AND BARLEY

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PREMIUM
COVER CROP SEED