

GOLIATH OATS

Description:

Goliath oat is a white-hulled, spring oat. Goliath has a late maturity heading with excellent grain yield and forage yield potential, as well as a good test weight. Goliath has a very high groat percentage and above average protein content. The variety has excellent resistance to crown rust, BYDV, stem rust and smut. Goliath has excellent straw strength, but should not be planted on very high fertility soils unless it will be harvested for forage.

Forage Considerations:

- Provides consistently high grain yield potential with high quality straw
- For improved alfalfa establishment, seed at lower rate & harvest early for hay or silage
- Best use: Silage (milk-dough stage) and hay (boot-heading stage)

Cover Crop Benefits:

- The perfect nurse crop for legumes and brassicas
- 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

Planting Time: Mar-Apr, Aug-Sep

Non-Forage Benefits:

1 = Poor; 5 = Excellent

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

Seeding Rate: (Plant at 1 - 2" deep in a firm seed bed)

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)

Seeds/lb.: 15-18,000

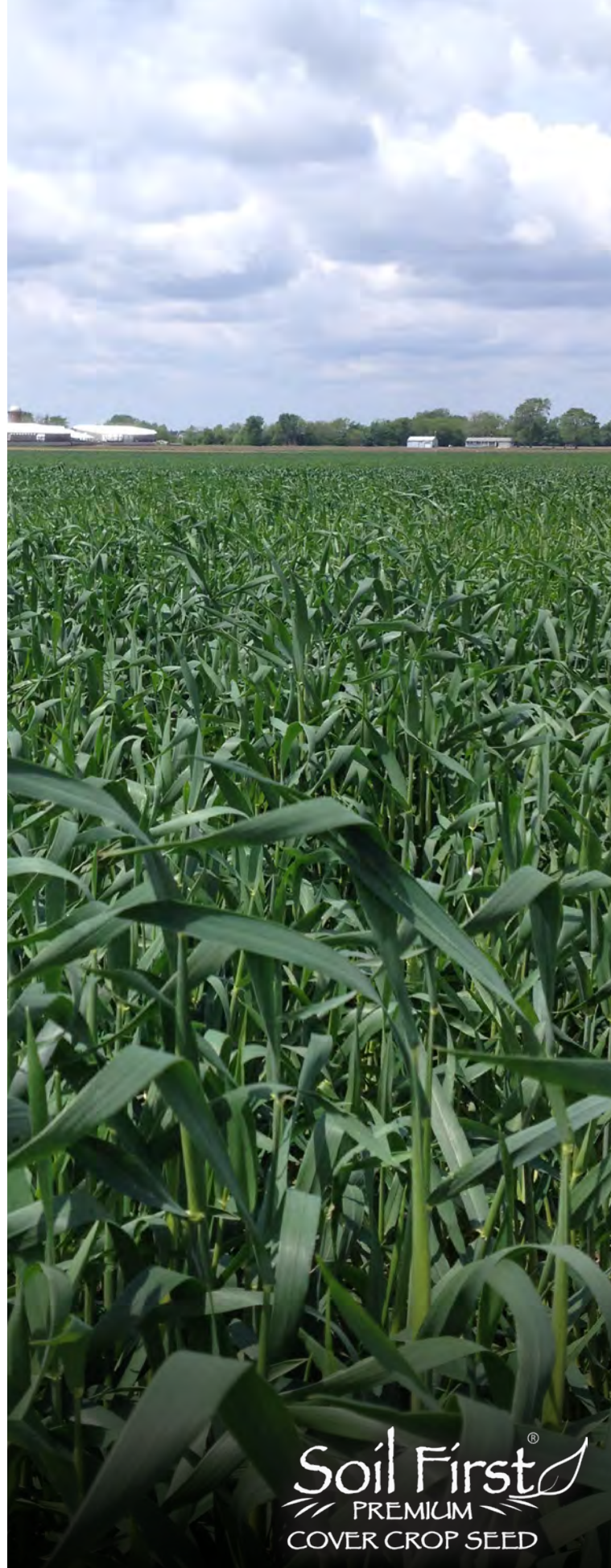
Bulk Density (lbs./ft.³): 38 (Hay); - (Silage)

Aerial Application Rate: 20-60

Germination Soil Temp.: 38 F

USDA Hardiness Zone: 7

Days to Emergence: 5-8



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