



Green Spirit® provides excellent quality forage for up to two years, depending on climate and available moisture. Due to its quick regrowth, very early development in spring and prolonged growing period in the fall, this species usually has greater overall productivity than other cool season grasses. When planted in the spring, Green Spirit will not go to seed in the first season. This results in high-quality forage production without the low-quality stems and seed heads during the first year. Green Spirit has been recognized as the perfect rotation crop for plow down or emergency feed.

Green Spirit® Advantage

- Superior Forage Quality
- High Dry-Matter Production
- Harvest 4-5 Times Per Season
- Handles Multiple Applications of Manure

When Quality and Yield Matter Green Spirit®

Spring Planted

- No seed head production
- Very high forage quality
- Produces forage until late fall

Fall Planted

- Better winter hardiness
- Later heading in Spring
- Maintains better forage quality
- Better regrowth after cutting

Annual Ryegrass

Spring Planted

- Reduced forage quality
- Seed head production in late Spring
- Stops growing after mid-summer

Fall Planted

- Less winter hardiness
- Early heading in the Spring
- Reduced forage quality
- Slow regrowth after cutting

Trial Data

Green Spirit's Effect on Next Year's Corn Silage Yield Compared to Conventional Rotational Crops

	Tons DM/Acre	
	Spring	Summer
Green Spirit 25 day cut	8.1	10.2
Green Spirit 35 day cut	8.7	10.2
Alfalfa	4.5	9.3
Soybean	3.8	8.8
Corn Silage	10.5	7.8
LSD (0.05)	8.5	11.9

University of Wisconsin, Arlington Research Station

Forage Quality of Green Spirit Compared to Conventional Rotational Options

Year 1	Protein % DM	NDF % DM	NDFd % NDF	lbs milk/ton
G.S. 25 day cut	23.8	45.7	73.3	3,370
G.S. 35 day cut	22.4	47.4	73.7	3,410
Alfalfa	24.1	33.2	49.4	3,252
Soybean	-	-	-	-
Corn silage	7.0	46.8	53.8	3,309
L.S.D.	0.6	0.8	1.6	59

LSD (1.7)

Year 2	Protein % DM	NDF % DM	NDFd % NDF	lbs milk/ton
G.S. 25 day cut	21.7	43.9	77.0	3,615
G.S. 35 day cut	16.9	46.8	71.7	3,468
Alfalfa	27.2	26.7	59.9	3,975
Soybean	18.9	36.6	55.4	3,597
Corn silage	7.0	48.3	59.9	3,249
L.S.D.	0.4	1.5	1.9	46

LSD (1.7)

University of Wisconsin, Arlington Research Station

Establishment:

Green Spirit® may be planted in the fall or spring. We recommend drilling Green Spirit for best results. Prior to planting, apply 100 lbs. of a 20:20:20 fertilizer. For fall planting, plant immediately after harvest to improve establishment and graze or cut prior to winter in order to thicken the stand and promote winter survival. For spring planting, plant early in the spring. Green Spirit may be planted via full-cultivation, no-till drill or broadcast seeding. When planting as a nurse crop for a perennial or interplanting into an existing alfalfa stand broadcast or drill in a manner to stagger the placement of Green Spirit with the other crop. Plant no deeper than 1/4 inch.

Seeding Rates:

Seeding Rate	lbs/acre
Planted as grazing/cutting crop	35
Planted as a nurse crop	5
No-Till into winter-killed alfalfa	25

Management

Grazing systems grazed 6-8 inches down to 3-4 inches

Cutting systems harvest at 12-18 inches

Green Spirit responds well to nitrogen fertilization

Recommend applying 40 units of nitrogen following each cutting

Area of Adaptation

Adaptation - Climate

Green Spirit is suited for all planting zones. In the northern U.S., it can be used as a spring planted annual crop. IN the transition zone it performs as a biannual forage crop. In the southern U.S. it is suited as an annual crop for winter production in mono-stands or in mixtures with winter cereals. Green Spirit performs well in the western U.S. with supplemental irrigation.

Adaptation - Soil

Green Spirit is adapted to a wide range of soil conditions - it performs in heavy clay soils and light sandy soils.

[Learn More](#)



A little about us

We believe service starts with listening to you. Your challenges are our challenges. If you show us your needs and share your ambitions, we'll create the solution together.

Teamwork is our key to success. Together with our customers, research partners and distribution partners, we can achieve more. Because we know the whole is always greater than the sum of its parts. Because unique contributions allow us to excel, we invest in long-term partnerships. Did you know some of our customers have been with us for more than 50 years?

Get in Touch with Us

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18,000,000

People in the US enjoy Barenbrug grass on their home lawn

1,928,000

Golfers in the UK play on courses with Barenbrug grass



2,100,000

Beef steers in Argentina enjoy Barenbrug pastures

14,440,000

Sheep in Australia enjoy Barenbrug grass