



Innovation for your growth:  
**Solutions that meet your needs.**

**Rhonda Chestnut P.Ag.**



## AGENDA

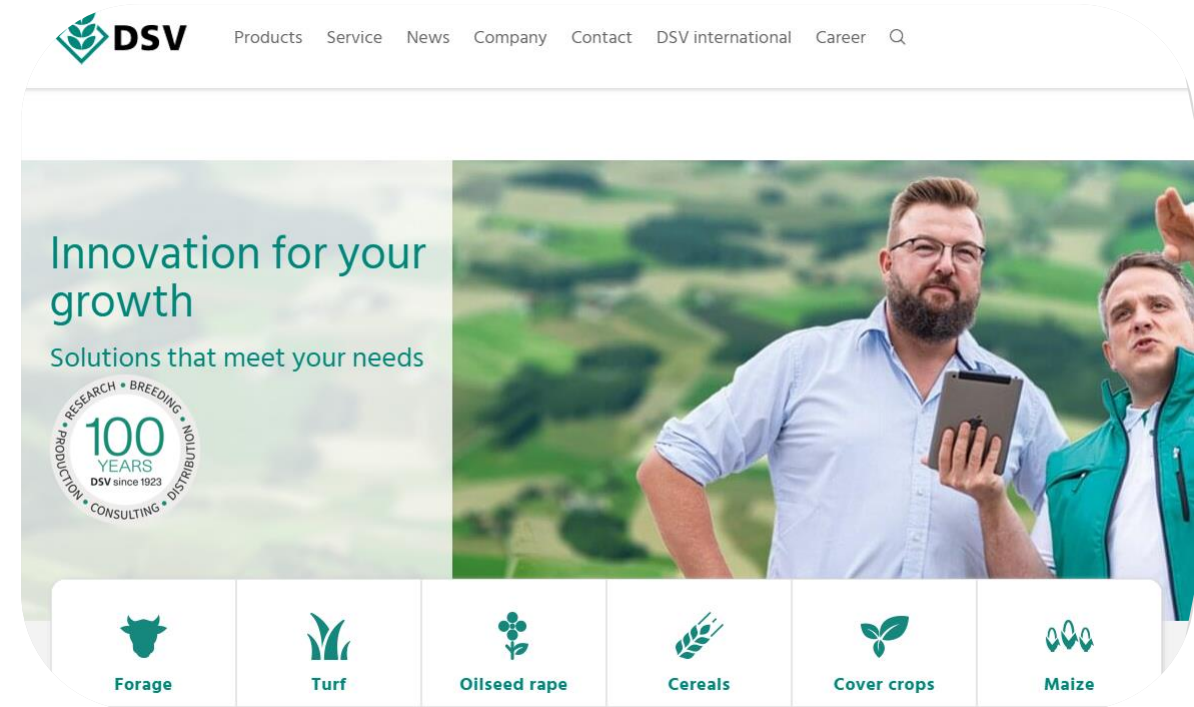
- Introduction DSV Northstar
- NEW alfalfas for 2026
- Cover crops
- Weed control options





## Introducing DSV Northstar

- 3.5 years with DSV
- DSV is heavily invested in plant breeding and research
- Working with DSV over 30 years: production for European markets and access to retail products for western Canada
- DSV products include:
  - DOLOMIT, FORCE MAX, NABUCCO and FABIO Italian ryegrass
  - FALADINO and ELUNARIA annual ryegrass
  - ATURO, RADDE, and NOVIO timothy
  - ROSPERON soft leaf tall fescue
  - PREVAL and TETRAX meadow fescue
  - VALERIO perennial ryegrass
  - LIVIOLETTA forage peas
  - GORILLA and LICAPO forage rape
- Access to a deeper pool of genetics across a broad range of species of perennial and annual forages



## Who is DSV?

### DSV at a glance



approx. **264** € m  
Turnover



approx. **800**  
Employees

**8**  
Subsidiaries



approx. **900**  
Shareholders

Founded in **1923**  
by farmers for  
farmers



approx. **11%** of sales are  
invested into research  
and development



**9**  
Breeding stations



approx. **1,200** ha  
Nurseries



approx. **62,200** t  
Sales of seed



approx. **1,350**  
Contracted farmers



approx. **40,000** ha  
Multiplication area



## PRODUCTS

- Alfalfa, clovers and other legumes
- Perennial grasses
- MAX Seed Blends
- Annual cover crops
- Native species
- Turf
- Production contracts





## Sourcing Alfalfa Genetics

- Legacy breeding station in Wisconsin
- Breeding program focus: high RFQ, disease resistance, longevity and unique root traits
- Revolution MD (Max Digest) low-lignin alfalfa
  - High digestibility
  - GRAND CHAMPION – haylage division





## NEW ENFORCER ALFALFA

- Replacement for Robust alfalfa
- Branch/tap root provides deep anchoring, and flexibility in drought/excess moisture
- Very dark green leaves and exceptional forage quality
- Fall dormancy 3.8 – for longer seasonal growth and recovery after cutting
- Winterhardiness rating 1.5
- 34/35 DRI for superior disease protection





## NEW JACKKNIFE ALFALFA

- Very unique root structure
- Branch/tap AND creeping root – AND sunken crown
- Showed some salinity tolerance – testing
- Highly adaptable for long term stand persistence
- Like 10-5 in one plant
- Fall dormancy 4.2 – for longer seasonal growth and recovery after cutting
- Winterhardiness rating 1.6
- 34/35 DRI for superior disease protection



## **FORCE MAX ITALIAN RYGRASS**

- 50% Dolomit (tetraploid)/50% Sendero (diploid)
- Tetraploid have higher water and sugar content than diploid
- Tetraploid also have better drought and disease resistance
- Diploids typically have better cold tolerance and close cutting better
- Highly adaptable with improved stress tolerance
- Can be used as a nurse crop with alfalfa
- Seeding rate = 15 – 18 lb/ac



## ANNUAL SPECIES AVAILABLE

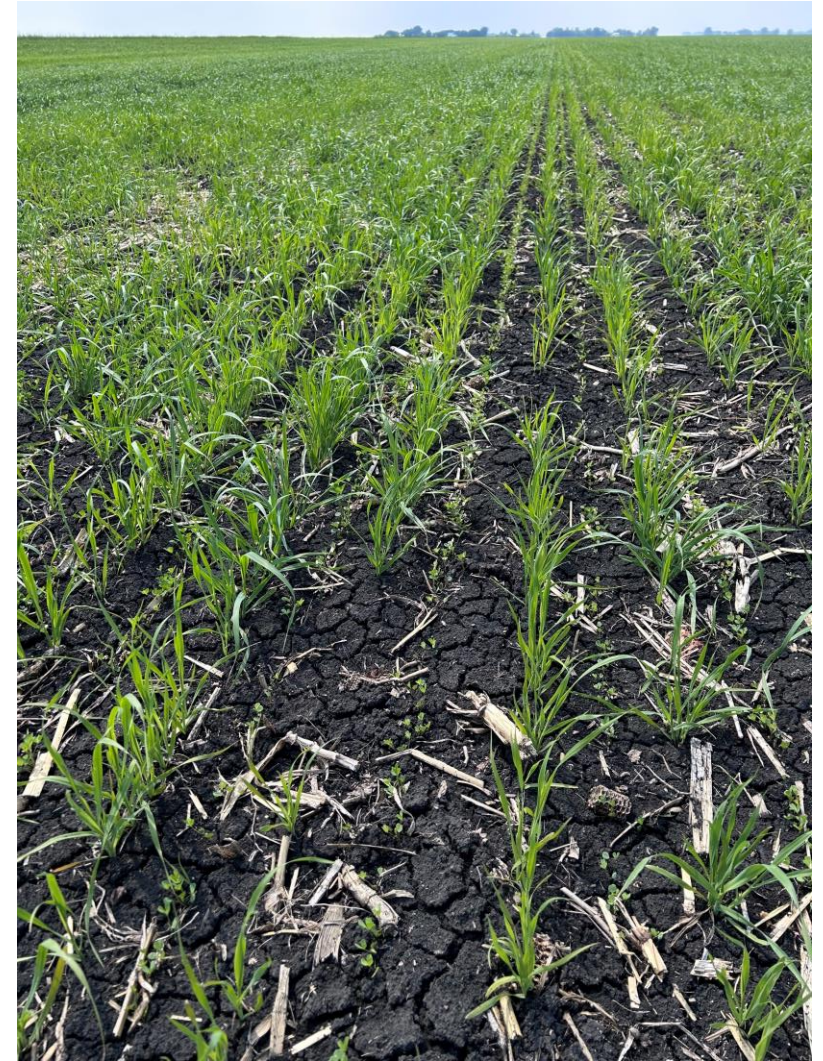
- Berseem Clover
- Crimson Clover
- Ladino Clover
- Beehappy Phacelia
- Vivant Forage Brassica
- Kale
- Collards
- Purple Top Turnips
- Appin Turnips
- Groundhog Brand Radish
- Gorilla Forage Rape
- Buckwheat
- Flax
- Sunflower
- Hairy Vetch
- Chicory
- Plantain
- **Golden German Millet**
- **Proso Millet**
- **Japanese Millet**
- **NS Brand Sorghum Sudangrass**
- **NS Drystalk brand BMR Sorghum Sudangrass**
- **Dolomit Italian Ryegrass**
- **Force Max Italian Ryegrass**
- Elunaria Annual Ryegrass
- Austrian Winter Peas
- **Livioletta Forage Peas**
- AND MANY MORE



**CUSTOM BLENDS AVAILABLE AT NO EXTRA CHARGE**

## WEED CONTROL IN FORAGES

- There are not any new registered products available for alfalfas and grasses
- More options for pure stands of alfalfa, or grasses than in blends
- Consider certain products are only registered in seeding year, and some are only used for established stands, and some are for seed production only







## WEED CONTROL IN FORAGE - ALFALFA

CROP	OPTIONS	WEEDS	CONSIDERATIONS
Alfalfa	2,4-DB	C – Wild Buckwheat, Lambs Quarters, Redroot pigweed, Stinkweed TGC – Dandelion, Sow Thistle, C. Thistle	Broadleaf
	Imazamox+Bentazon (certain products)	C – Wild Oats, Redroot Pigweed, Lambs Quarters, Volunteer Canola S - <b>Kochia</b>	Apply after third trifoliolate Harvest interval 20 days
	Poast Ultra	S – <b>Foxtail Barley</b> C – Green Foxtail, Wild Oats	Harvest interval 70 days





## WEED CONTROL IN FORAGE – ALFALFA/GRASS

CROP	OPTIONS	WEEDS	CONSIDERATIONS
Alfalfa + Brome and/or Timothy mix	Bromoxynil	C - <b>Kochia</b> , Cow Cockle, Redroot Pigweed, Stinkweed TGC – Dandelion, Perennial Sow thistle, C. Thistle	Apply when kochia is small (less than 3” tall) 80% control
	MCPA	C – Burdock, <b>Kochia</b> , Lambs Quarters, Redroot pigweed, TGC – Perennial Sow Thistle, C. Thistle	*With oats/barley cover crop Seedling only
	2,4-D (certain brands are safe) 2,4-DB	C – Wild Buckwheat, Lambs Quarters, Redroot pigweed, Stinkweed TGC – Dandelion, Perennial Sow Thistle, C. Thistle	Seedling only Harvest interval 30 days



## WEED CONTROL IN FORAGES

- **Post harvest and pre-seed weed control are critical**
- Scouting early post seeding is VIP
- Application timing is important for control - especially in blends
- Always refer to herbicide supplier for label details and restrictions
- Watch for feeding restrictions/withdrawal periods
- Cutting before seed set will help control weeds over time





**THANKS AND ANY  
QUESTIONS?**

