


DAHLMAN SEEDLINE™

Premium Seed. Performance Proven. | MARCH 2013

 DAHLMAN SEED COMPANY | 1-800-289-7333 | WWW.DAHLMANSEED.COM

Get The Top Traits From Dahlman

Dahlman Seed Company offers a wide range of hybrids with industry-leading technology traits that provide advanced insect control and excellent potential for outstanding yields. Ask your dealer or territory sales person about different products still available for 2013 planting.

Genuity® SmartStax®

- Genuity SmartStax® – This is the most advanced, all-in-one corn trait. It offers complete root, stalk and ear protection.
- It is the broadest spectrum of insect control available on the market today, including protection from corn earworm and western bean cutworm.
- Because of its multiple modes of action, Genuity SmartStax® reduces the refuge requirement from 20% to 5%, enabling farmers to increase their whole farm yield potential and profitability.
- Genuity SmartStax® combines industry-leading Roundup Ready® 2 Technology with LibertyLink® herbicide tolerance to enable broad spectrum weed control.

Genuity® VT Double PRO®

- Genuity VT Double PRO corn offers advanced insect protection which may improve grain quality and provide higher yield potential.
- Genuity VT Double PRO provides an economically viable way to control corn earworm.
- This double stack trait offering also provides second generation protection against European Corn Borer, Southwestern Corn Borer, Sugarcane Borer and Fall Armyworm.
- Losing just 3 kernels per ear equals 1 lost bushel per acre. Protect your yield with Genuity VT Double PRO.
- The added convenience of RIB in these hybrids reduces structured refuge from 20% to 5%.

Dahlman CASH Discount!

Paid by March 31st **-3%**

Fertilize Your Beans?

The University of Minnesota says soybeans get neglected, so they're asking farmers to pay closer attention to getting them in the ground at optimum soil temperatures and consider fertilizing them in small amounts to increase yield potential. Although soybeans may not always respond to direct fertilizer application, soybeans do need fertilizer.

The best way to determine plant-available P and K is with soil testing. These primary nutrients must be available for uptake to prevent plant deficiencies. Additional yield gains with higher levels of P and K may not be realized. Most experts put the critical level for P in soybeans in the range of 30 to 40 pounds per acre. The critical level of K is 90 to 150 lbs/acre, depending on the CEC of the soil.

Poor fertility can nurture pests and slow down soybean plants. Low potassium levels have been implicated with higher soybean aphid risk in some tests. Higher yield loss from root disease or nematodes can occur with low fertility levels. Soybean nutrient levels should be one of the first things to look at if you're experiencing poor yields, and even if you want to bump up good yields.



How To Improve Plantability

Here are some tips to get today's high-priced seed in the ground for optimum early season growth.

Use Planter Lubricants

Slippery seed is easier to plant more accurately. Use talc, graphite, or a talc/graphite blend that's specified by your planter owner's manual. Mixing these lubricants generally produces the best results.

Consider Seed Treatments

Seed treatments provide a decent measure of protection against early season soil-borne insect problems that affect germination and seedling growth. Depending on your soils, choose standard or a higher load of treatment. If seed is treated with a higher dosage, be sure to adjust tank pressure, fan speeds and make other adjustments as recommended in your planter operator's manual.

Seed Metering

- With John Deere vacuum planters, many owners suggest increasing pressure at the meter by 10% to 20% to keep seed flowing and improve meter accuracy. Use only talc and not graphite blends.
- Kinze EdgeVac planters recommend setting vacuum at 18 inches. You can increase the vacuum level to improve accuracy on larger or heavily treated seed. Kinze recommends graphite for improved planting.
- The vacuum levels on Case IH vacuum planters can be adjusted incrementally higher to improve plantability on larger and heavily treated seeds.
- White planter owners report that adding 1/2 to 1 cup of talc per hopper during humid conditions will improve seed release and reduce buildup on the disks.
- Farmers with finger planters suggest using liberal amounts of graphite or an 80/20 graphite/talc mixture in each seed box. This keeps the brushes flexible and increases accuracy. When you start planting, add only a small amount of seed in each box along with extra lubricant to coat the fingers and seed canal.

Planting Speed

If you're planting at populations above 30,000 be sure to keep your ground speed under 5 mph, regardless of how good your planter singulates the seed. Yes the planter will operate at higher speeds, but at levels over 5 mph there's a high probability that 1-5% or more of the kernels will hit the seed trench and bounce to a final depth that's less than what you intended. Also, at higher speeds the row units are moving up and down in minimal amounts that are affecting planting depth.

Follow Weather Online

To be current on all the growing season crop weather details for the University of Minnesota, Southwest Research and Outreach Center (SWROC), Lamberton, MN, see: <http://swroc.cfans.umn.edu/WeatherInformation/index.htm>. This site also has information on soil moisture, soil temperature and general growing conditions.

Dahlman Known For Outstanding Seed Quality

Dahlman is growing with seed quality that is without rival in the industry. We offer Premium Seed, Performance Proven Products earning growers' confidence and trust since 1922. We grow our own seed and process it in our own state-of-the-art plant. The result is better germination, which means more plants per acre to maximize grower profitability. We manage every step of the seed conditioning process ourselves and we are confident of our ability to put the highest quality in every bag.

Dahlman is growing by expanding the maturity ranges of its products. We build our corn and soybean lineups on a foundation of the best genetics available and the newest trait technologies. For 2014 we will offer corn maturities from 78 day to 105 day and our soybean varieties will range from 00.9 RM to 2.1 RM.



Getting Your Best Corn Stand

With today's high yield potential hybrids, it's important to plant plenty of seeds per acre to achieve optimum yield potential. The University of Minnesota compared grain yield potential at various populations over 5 years with the following results:

Population

(plants/A)	Grain yield potential (%)
36,000	100
34,000	99
32,000	99
30,000	97
28,000	95
26,000	93
24,000	91
22,000	88
20,000	84
18,000	80
16,000	76

Use the following chart to determine the number of seeds per acre that you need to plant in order to achieve the desired stand after accounting for in field losses

Desired stand

(plants/A)	Seeding rate based on expected emergence (seeds/A)		
	85%	90%	95%
30,000	35,300	33,300	31,600
31,000	36,500	34,400	32,600
32,000	37,600	35,600	33,700
33,000	38,800	36,700	34,700
34,000	40,000	37,800	35,800
35,000	41,200	38,900	36,800
36,000	42,400	40,000	37,900

Purchase Seed with John Deere Credit



Dahlman Seed products can be purchased with John Deere Credit financing for the 2013 season. Growers using this program qualify for Dahlman early cash incentives and all other volume discounts. The interest rate for John Deere Credit is Prime plus 6.25%. The combined net interest equals 9.5% and the total amount is due in December, 2013. Contact Dawn at the Dahlman office for a credit application.

Got Disease Problems?

Something happening to young or growing plants you can't identify and don't understand? Send a leaf sample to the University of Minnesota Plant Disease Clinic and they will diagnose disease problems. Instructions for sending samples can be found at <http://pdc.umn.edu/>.

What's Limiting Your Corn Stand?

When your crop is in the ground and sending the first shoots of green through the soil, you might be seeing a wonderful picket fence stand, or maybe something less. In the first few days after emergence, walk your fields and make a mental note of what went right, or what possibly caused problems. Here's a list of factors that the University of Minnesota says affects strong, early emergence:

1. Rainfall timing and amount
2. Water uptake by seed
3. Temperature (degree and fluctuations)
4. Exposure of the emerging seedling to light
5. Loose soil in top or side of seed furrow
6. Clods/residue
7. Soil compaction/crusting/high bulk density from rainfall or other causes
8. Mechanical, pathogen or insect injury to coleoptile or sheath
9. Herbicide sensitivity
10. Planting depth

Key Dahlman Hybrids Sell Fast

Today the main 2013 sales season is barely visible in the rearview mirror and most importantly planting season is on the horizon. Many of our key hybrids have been in tight supply since October and November because Dahlman customers have confidence in our seed quality and trust the Dahlman brand. This is clear because of the growing number of satisfied customers who are planting more of their acres with Dahlman products. The R47-35VT3RIB, R48-30VT3RIB, R48-32VT3RIB, R43-20VT2RIB, R41-28VT2RIB, R39-11, R41-12 & R44-66 were among the highest in demand this season. Call your local dealer or Dahlman seed for the nearest dealer to inquire about availability and take advantage of the excellent Dahlman product performance this season.

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News and Agronomic Information from Dahlman Seed Company



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- **Should You Fertilize Beans?**

Banded Pop Up Fertilizer Gets Corn Growing Fast

University researchers agree that banded fertilizer works to get seeds growing fast. However, there's no firm rule to dictate where banded fertilizer should be placed in relation to the seed. Fertilizer supplying phosphate and/or potash can be placed 1) to the side of, 2) to the side of and below the seed, or 3) below the seed. Phosphorus and potassium are considered immobile in the soil, so crops will get little benefit from these nutrients if they are placed or applied above the level of the seed either at the time of planting or after planting.

There can be some damage to germination and emergence if excessive amounts of nitrogen and/or potash are placed too close to the seed. Phosphate has no negative effect on germination. The amount of nitrogen applied within one inch of the seed should be less than 30 lb. per acre. If applied within one inch of the seed,

rates of K₂O up to 60 lb. per acre can be used. If higher rates of K₂O are needed to meet recommendations, the distance between seed and fertilizer should be more than one inch.

Ammonium thiosulfate (12-0-0-26) can also affect emergence if applied in contact with the seed. Contact of these fertilizers with corn seeds should be avoided. Urea (46-0-0) should not be applied in contact with corn seeds. This is especially true when the soil is dry.

*Have a Safe and Successful
2013 Growing Season!*

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