



# DEKALB Brand Alfalfa DKA50-18

DKA50-18 combines good winterhardness, very fast recovery after cutting with exceptional forage yield potential. This FD5 product is more winterhardy than most other commercial varieties of this dormancy. Multiple pest resistance is excellent. Dark green color, fast recovery after cutting, and exceptional late season growth combine to give this product excellent adaptation over a wide range of environments.

## DKA50-18

Product Characteristics		
Category	Characteristic	Value
MANAGEMENT	Rotation Length	Long
P L A N T DESCRIPTION	Fall Dormancy <sup>1</sup>	5.0
	Winter Hardiness	1.8
	Multifoliate Index <sup>2</sup>	3.4
	Recovery Rate	1
DISEASES	Anthraxnose	HR
	Aphanomyces R1	HR
	Bacterial Wilt	HR
	Fusarium Wilt	HR
	Phytophthora Root Rot	HR
	Verticillium Wilt	HR
INSECTS	Potato Leafhopper	S
	Spotted Alfalfa Aphid	R
	Pea Aphid	R
NEMATODES	Northern Root Knot Nematode	NT
	Southern Root Knot Nematode	NT
	Stem Nematode	R

### Key Strengths

- Unique combination of fall dormancy and winterhardness for FD5
- Excellent forage yield potential and forage quality
- Widely adapted FD5
- Well adapted to a 3 or 4 cut system
- Excellent disease resistance index rating (30 out of 30)

### Management Tips

- This product has performed well over a wide range of environments and should be well adapted to all areas where FD4 and FD5 are typically planted

## DEKALB Brand Alfalfa Legend

### Rating Scale:

1-2 = Excellent  
3-4 = Very Good  
5-6 = Good  
7-8 = Fair  
9 = Poor  
N/A = Not Available

### Codes/Symbols:

HG = HopperGuard®  
L = Long  
M = Medium  
HR = High Resistance (>50% resistant plants)  
R = Resistance (31-50% resistant plants)  
MR = Moderate Resistance (15-30% resistant plants)  
LR = Low Resistance (6-14% resistant plants)  
S = Susceptible (0-5% resistant plants)  
RFQ = Relative Forage Quality based on forage energy content and digestible fiber.  
NT = Not Tested

### Notes:

<sup>1</sup> Fall dormancy winterhardness and pest resistance ratings are based on comparisons with standard check varieties.

<sup>2</sup> Multifoliate index ratings are based on the percentage of leaf sites that have more than three leaflets. Ratings range from 1 to 5, with 1 = all trifoliate leaves (0%) and 5 = 8+ multifoliate leaves per stem on 80% or more of the plant.

## Contact Us At:

1-800-768-6387 or visit  
our online seed catalog  
at [www.asgrow.com](http://www.asgrow.com)  
or [www.dekalb.com](http://www.dekalb.com)

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## Always Read and Follow Label Directions for All Products

The agronomic ratings stated in the product agronomic charts were developed from Asgrow's and DEKALB's internally conducted trials, which utilize commonly accepted methodology. These ratings can be used for comparative purposes between established and newly released products. They may not reflect total comparative performance. Actual performance may vary based on a number of factors, including without limiting the prevalence of the disease-causing organism or insect pest and environmental conditions. Product choice should be based on all performance information and not on pest reaction alone.



Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.



Grain harvested from products that bear this mark is fully approved for food and feed use in the United States and Japan, but is not approved in the European Union. You must find a market for this crop that will not ship this grain or its processed products to Europe. Appropriate markets for this grain include: domestic feed use or grain handlers that specifically agree to accept this grain and handle it appropriately. For more information on your grain market options, go to the American Seed Trade Association's

website at [www.amseed.org](http://www.amseed.org) or call your seed supplier.

MARKET CHOICES is a registered certification mark used under license from ASTA.

**Know Before You Grow**, an information service provided by National Corn Growers Association at [www.ncga.com](http://www.ncga.com).

Growers should refer to Monsanto's Technology Use Guide for information on crop stewardship regarding the potential movement of pollen to neighboring crops. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Know Before You Grow<sup>®</sup> is a service mark of National Corn Growers Association. For more information call 1-866-SELL CORN.

IMPORTANT: The following information is current as of April 17, 2007: YieldGard Plus, YieldGard Rootworm with Roundup Ready Corn 2 and YieldGard Corn Borer with Roundup Ready Corn 2 are grandfathered for import and use in processed feed in the E.U. YieldGard Plus with Roundup Ready Corn 2, YieldGard VT Rootworm/RR2 and YieldGard VT Triple are neither approved nor grandfathered and there is zero tolerance for these traits in processed feed imported in the E.U. Growers of all products bearing the Market Choices mark must talk to their grain handler to confirm the handler's buying position for grain from these products. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted.

## Always Read and Follow Label Directions for All Products

Roundup Ready<sup>®</sup> crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup<sup>®</sup> agricultural herbicides. Roundup<sup>®</sup> agricultural herbicides will kill crops that are not tolerant to glyphosate. Asgrow<sup>®</sup> and the A Design, Bullet<sup>®</sup>, EasyFILL<sup>™</sup>, INTRRO<sup>®</sup>, Lariat<sup>®</sup>, Powerful Science. Powerful Seed.™, Processor Preferred<sup>®</sup>, Residue Proven<sup>®</sup>, Respect the RefugeSM, Roundup<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Rewards<sup>®</sup>, Seed To Feed<sup>®</sup>, SilageProven<sup>™</sup>, Vistive<sup>™</sup>, We Breed Better Beans<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT and Design<sup>™</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, YieldGard VT Triple<sup>™</sup> and YieldMaker<sup>™</sup> are trademarks of Monsanto Technology LLC. DEKALB<sup>®</sup>, DEKALB<sup>®</sup> and the Winged Ear Design, and Strong Roots. Strong Yields<sup>®</sup> are registered trademarks of DeKalb Genetics Corporation. Poncho<sup>®</sup> is a registered trademark of Bayer AG. All other trademarks are the property of their respective owners.

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Roundup Ready Corn 2 technology is covered under one or more of the following U.S. Patent Nos.: 4,940,835; 5,188,642; 5,359,142; 5,196,525; 5,322,938; 5,164,316; 5,352,605; 5,554,798; 5,593,874; 5,859,347; 5,424,412; 5,804,425; 5,641,876; 5,717,084; 5,728,925; 6,083,878; 6,025,545; 6,825,400 and RE39,247.

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YieldGard Corn Borer technology is covered under one or more of the following U.S. Patent Nos.: 5,484,956; 5,352,605; 5,424,412; 5,859,347; 5,593,874; 6,180,774; 6,331,665 and 7,064,248.

YieldGard Rootworm technology is covered under one or more of the following U.S. Patent Nos.: 5,110,732; 5,023,179; 6,174,724; 5,484,956; 5,352,605; 6,331,665; 6,063,597; 6,501,009, 6,620,988, 6,642,030, 7,064,248, and RE39,580.

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