

Ideally, when selecting a corn hybrid, a grower should be concerned only with genetic potential, seed quality, and seed price, **NOT seed size plantability issues**. With hundreds of new hybrids introduced every year, the ability to accurately plant a wide range of seed sizes is critical to optimize productivity. The same genetic potential is delivered across the entire range of seed sizes for any given hybrid.

“What will you do if the hybrid you want isn’t available in your ‘favorite seed size’?”

“Seed size plantability” refers to the placement of different sized seeds within the seedbed. Proper seed placement involves good seed-to-soil contact, adequate in-row spacing, and planted population control. **Don’t let the meter design you choose limit the range of seed sizes you can plant accurately.**



Photo courtesy of DeKalb County, Illinois, Farm Bureau

Ear of seed corn. Hot new hybrid with limited production. Can your current planter handle this seed size variability?



“With no change in settings from one row to the next, and with different seed sizes and weights in each box, planting accuracy was there! ...our hats are off to everyone at Case IH involved in designing this phenomenal planter.”

— Kim Robertson, LG Seeds



“A simple metering system is required that makes planting a number of hybrids and seed sizes very easy. All sizes and shapes of corn seed we tested from 30 to 70 pounds per 80,000 kernels could be accurately dropped with one disk and one vacuum setting. Congratulations to Case IH for a great new planter!”

— Tom Burrus, Burrus Hybrids

Regardless of seed size, independent studies confirm that the Case IH Advanced Seed Meter (ASM) hits the agronomic target without adjustment!

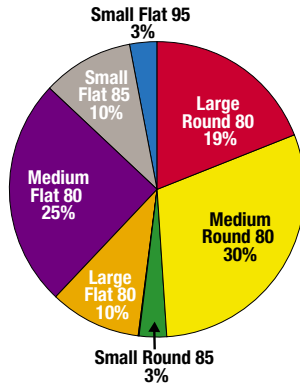
Problem:

Hybrid selection should be based on genetic performance not seed size!

Seed size will vary by hybrid, female parent tendencies, growing conditions, and seed set in production fields (Burrus Hybrids). The Case IH 1200 series planter lets you select the appropriate corn hybrid for each field and not worry about seed size availability or time consuming adjustments to the seed meters.

*Note: Syngenta NK N59-Q9 hybrid. For any given hybrid seed size availability changes each year depending on several seed production factors.

Example of Seed Size Availability as a Percent of the Ear*



Solution:

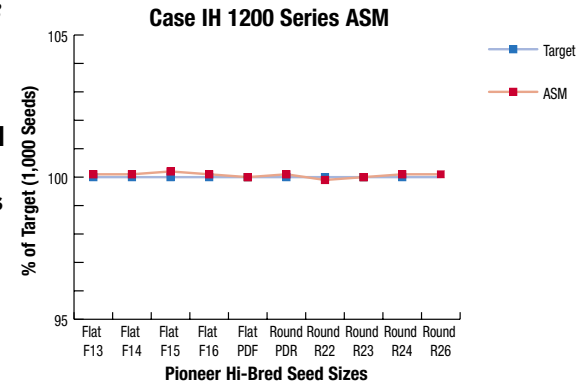
The Case IH Advanced Seed Meter (ASM)

plants a wider range of seed sizes with no adjustments by utilizing these competitive advantages:

- The Case IH ASM takes advantage of a higher, more stable vacuum range:
 - Less susceptible to seed loss due to side hill planting and row unit bounce
 - Larger seed disk — more seed holes (48 vs. 30 holes or 12 fingers)
 - More seed holes = slower disk rpm — improving agronomic placement accuracy, even at higher ground speeds
 - Corn seed held against flat surface: simple straight seed release versus variable movement created by seed falling out of a pocketed disk
 - Less sensitivity to seed size variability than seed meters with pocket design
 - One seed disk and vacuum setting for 33# to 66#/80,000 seed bag of corn

Agronomic Advantage:

Pioneer Hi-Bred investigated the seed size plantability of the Case IH 1200 series meter. **Ten seed sizes were evaluated** using over 200 different corn hybrids. **All of the test runs were accurate to 99.8% of the 1,000 seed target, regardless of seed size.**



Return on Investment:

Case IH lets you take advantage of seed sizes that, while genetically equivalent, other planters can't handle well. Deliver superior agronomic seed placement with discounted seed sizes.

Example:

Farm: 1,500 Acres of Corn
Population: 30,000 Seeds/Acre
Seeds Per Bag: 80,000
Acres Planted Per Bag: 2.7 (560 Bags for 1,500 Acres Corn)
 Typical seed discount for plateless seed sizes: \$10 per bag
\$10/bag savings x 560 bags/yr = \$5,600 annual savings!

"In comparing the finger pickup meter to the Case IH, the Case IH shows improvement in accuracy of seed drop regardless of seed size, as planting speeds increase to 5.5 mph and above."

— Tony Beck
Beck's Hybrids

Information, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Case IH dealer/distributor will be able to give you details of the products and their specifications available in your area.

SEE YOUR LOCAL CASE IH DEALER

WORLDWIDE CASE IH CONTACT INFORMATION

UNITED STATES/CANADA: 700 STATE STREET RACINE, WI 53404 USA

LATIN AMERICA: AV. JUSCELINO KUBITSCHEK DE OLIVEIRA N. 11825 CAIXA POSTAL 14040 CEP 81503 CURITIBA, PARANA, BRAZIL

WESTERN AND CENTRAL EUROPE/CIS: CRANES FARM ROAD BASILDON ESSEX SS143AD ENGLAND

EASTERN EUROPE/AFRICA/ASIA: VIALE DELLE NAZIONI 55 41100 MODENA, ITALY

AUSTRALIA/NEW ZEALAND: 31-67 KURRAJONG ROAD ST. MARYS NEW SOUTH WALES 2760 AUSTRALIA

SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.