HIGH-EFFICIENCY FARMING

CASE IH HIGH-EFFICIENCY FARMING

CROP RESIDUE MANAGEMENT

SOIL TILTH

SEEDBED CONDITIONS

SEED PLACEMENT ACCURACY

PLANT FOOD AVAILABILITY

CROP PROTECTION

HARVEST QUALITY

STANDARD PROCEDURE

A Case IH Axial-Flow combine with MagnaCut chopper at harvest handles tough residue. Then use an Ecolo-Tiger® disk ripper to size and mix residue in the fall.

Smaller wheeled tractors pull narrower implements across fields producing more subsoil and surface compaction than can be mitigated by freeze/thaw cycles. Yields suffer 3-15%.

Clods, heavy residue and uneven seedbeds result in poor seed-soil contact, leading to uneven emergence and competition between adjacent plants.

Residue left on the soil surface prevents standard nutrient applications from reaching the soil completely, leading to uneven fertilization.

Producers should lose no more than 1 bushel of corn per acre each harvest, but some producers lose more than 3 bushels per acre. The cost of that grain left in the field adds up quickly.

A Case IH Axial-Flow combine with its header-to-ground-speed feature and larger grain cleaner saves ears and loose kernels. Corn-saving louvers and large diameter stalk rolls on the new Case IH corn heads maximize efficiency.

A Case IH Nutri-Placer uses a combination of a high-residue coultor, a knife and shank assembly, along with a disk sealer to make fields less susceptible to nutrient loss.

A Case IH Patriot® sprayer with AccuBoom section control and AIM Command® spray system ensures constant droplet size, rate, pressures and coverage.

Firm, even seedbeds with light mulch allow Case IH 2000 series Early Riser® planter to place seeds with high accuracy at the highest pace achievable by the planter.

Clods and anomalies left behind in residue in the fall were too big for planter to work properly. Up to 10% of planted seeds fail.

A secondary tillage pass is not performed prior to planting. Soil surface is too rough to permit optimum planter speed or accuracy.

Twenty-four to 48 hours before planting, a Case IH Tiger-Mate® field cultivator is used to create a firm, level seedbed for faster dry down.

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Inaccurate spray patterns and droplet size leave weeds uncontrolled from V2 to V4 stage. Yield loss can be more than 1 bushel per acre per day.

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