



PLANTING



Seed Handling



Planting



Cultivating



Hilling



SEED LOADER

SEED HANDLING

SIMPLE. DIRECT. FAST.

Planter Filler for direct loading from the Bulk Bed are available in 30 (77cm) and 36-inch (92cm) width. The simplicity of the machine allows easy setup, transport, and operation by a single operator. The units can also be used during harvest as a dirt Piler.



Brian Searle, Searle Farms, Idaho USA

"We are impressed with the ease and speed of the seed loader. The hydraulic controls made moving the machine down to a couple of minutes - an easy job for one man to do. Loading the planter in just a couple of minutes."

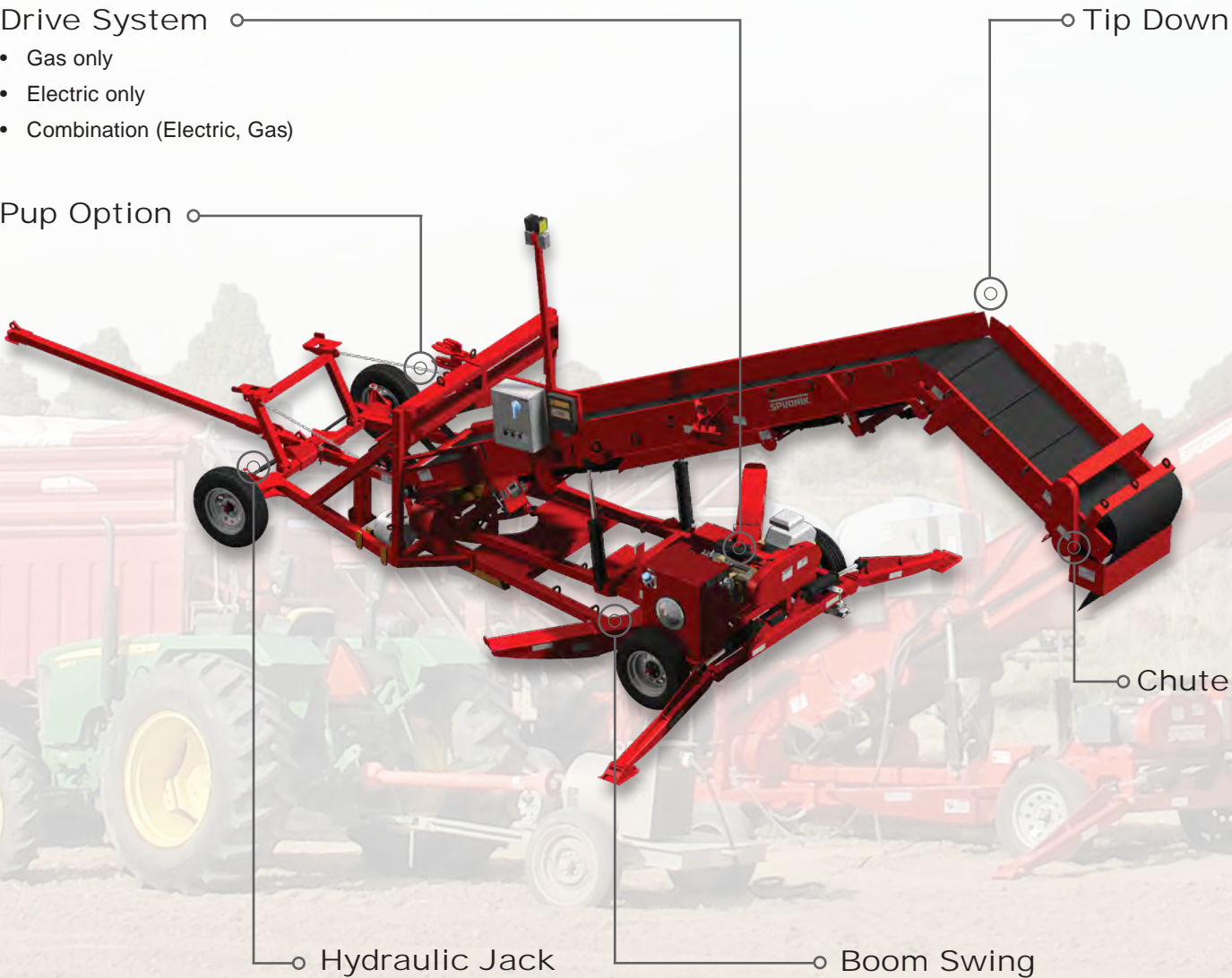


SEED LOADER

Drive System

- Gas only
- Electric only
- Combination (Electric, Gas)

Pup Option



Controls

Easy controls make the operation safe and intuitive.



Pup Option

Pup conveyor can be attached to allow staging of two Bulk Beds (only for 36-inch version).



Tip Down

The tip down chute allows the gentle loading of the planter. 4 ft and 6.5 ft option, to fill 6-row or 8-row planters.



Stabilizer Arms

Hydraulic stabilizer arms (only for 36-inch version).



Drives

An electric drive (Picture 1) or a gas drive (Picture 2) can be installed. Optional both drives can be installed.



Bucket Filler

The seed loader can be used to not only fill planters, but also buckets if preferred.



Dirt Conveyor

Unbolt the chute and use it as a dirt conveyor at harvest time.

SEED LOADER

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Tip Down

Chute

Boom Swing

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Conventional Planter

PLANTING

PLANT FAST WITH HIGH ACCURACY

Conventional Planters are used in traditional rows from 32 to 38-Inch spacing (81.3 to 96.5 cm). A three-point-hitch in the back of the machine enables additional hilling or cultivating equipment to be attached.

Fertilizing, planting, hilling, applying chemicals and dammer dyking in a single pass. Auto functions like Skip Detection or Chemical Application help the operator do a better job.



Jess Blatchford, Blatchford Farm, Baker City, Oregon, USA

"The accuracy and the seed placement is just about unbeatable. We apply fertilizer, planting, hilling, applying insectoside and dammer diking all in one pass."



Conventional Planter

4, 6 and 8 - Row Option



Single Pass Operation
Fertilizing, planting, hilling, applying chemicals and dammer dyking in one pass.



Three Point Hitch
Mount any cultivator or hiller to your planter.



Dry Fertilizer
The fertilizer is applied in two bands, next to the seed piece.



Front Tool Bar
Softens the soil to keep the planting depth more consistent.

Bed Planter

PLANTING

GROW A UNIFORM CROP PROFILE

Potato research has shown there can be significant differences over conventional planting, such as uniform tuber size, regular shape, improved water conservation, and increased production. Working with researchers and growers, SPUDNIK has developed many different bed configurations to meet growers needs.



Kelly Coleman, RDO Staples, Staples, Minnesota

"We're trying to raise single drop seed and the Bed Planter is what gives us the product that we are looking for. We've got a much more uniform crop and a much more managable crop. It's a lot easier for us to manage that bed vs. managing the hilled rows."



Bed Planter

5, 6, 7, 9 and 10 - Row Option



Staggered Row Units

The row units are staggered so a tight row spacing can be achieved.



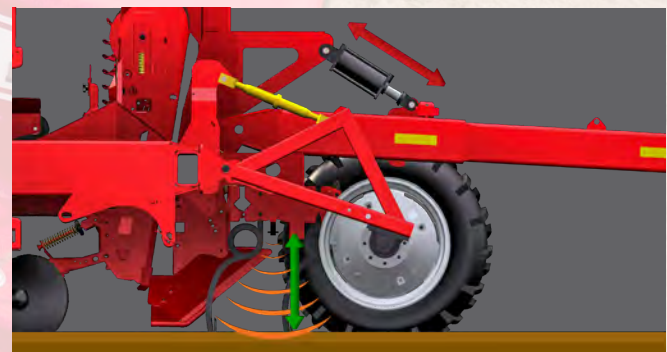
Ripping Shanks OPT

Softens the soil to keep the planting depth more consistent.



Individual Row Unit Drive OPT

Hydraulically-driven row unit: Independent of ground speed, used for variable seed spacing. Can be switched off independently.



Auto Planting Depth OPT

Two sensors measure the depth on both sides of the front tool bar, adjusting the height of the machine resulting in a more consistent planting depth



HILL-PRO Planter

PLANTING

ACCURACY IN ROLLING HILLS

Reduce skips and doubles as the machine goes up and down hill. To keep the row unit and hopper in a vertical position, the machine automatically pivots +/-15 degrees to counter the effects of the slope.



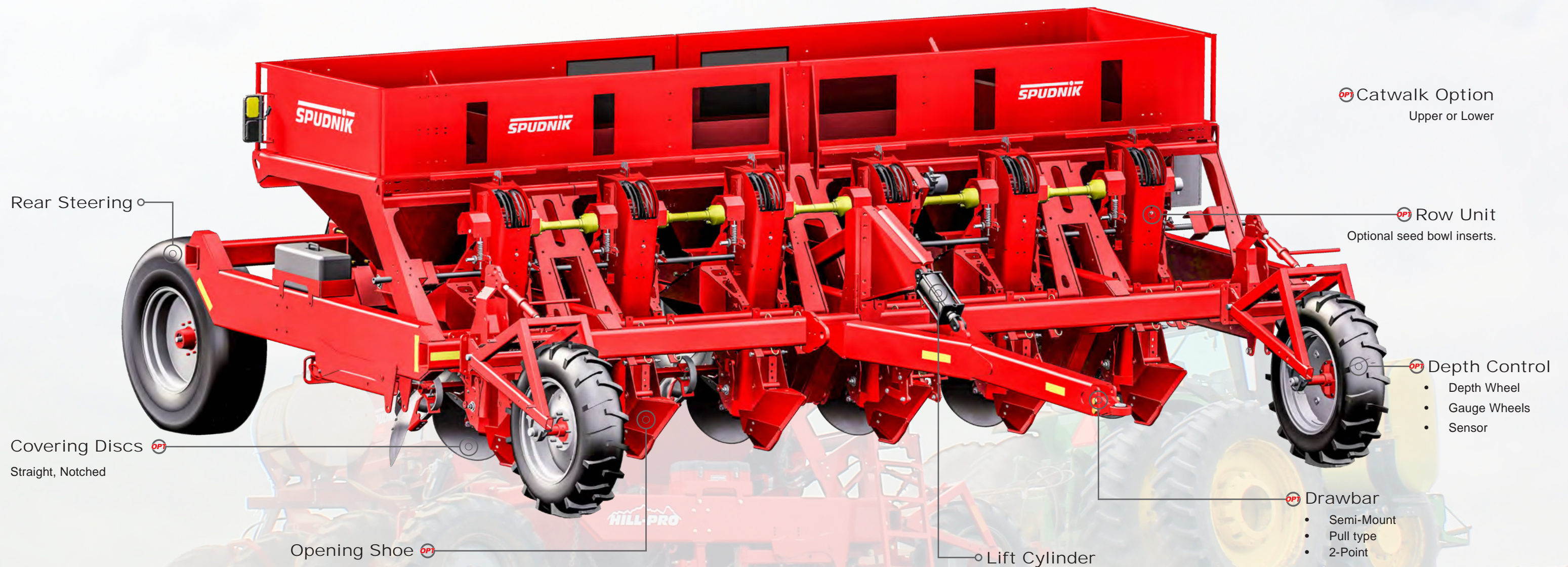
Smokey Gould, DNS Farms,

"SPUDNIK brought this out to me as a demo machine and we put it in a field with an 18% grade. When they asked me what I would think, I told them that I don't think this planter is leaving my farm. It's done so good."



HILL-PRO Planter

6 and 8 - Row Option



Fertilization

The machine can be equipped with liquid and dry fertilizer. The dry fertilizer can be applied up to 1500 pounds per acre.



Hopper Extension

Increase the capacity of the hopper by 30%.



Dry Fertilizer OPT

The fertilizer is applied in two bands, next to the seed piece, for a consistent growth pattern.



Planting Accuracy

The hopper and row unit stay upright, while the shoe rotates, to maintain consistent planting accuracy. This constant position helps eliminating skips and doubles.

Cultivating

LOOSENING SOIL

MAXIMIZE MOISTURE, ELIMINATE COMPACTION

The Cultivator is available in 34 or 36-Inch (86.3 cm or 91.4 cm) spacing, and is equipped with large shanks to loosen the soil to a depth of 16 Inches (40 cm). This deep ripping removes tire tracks, reducing field compaction.

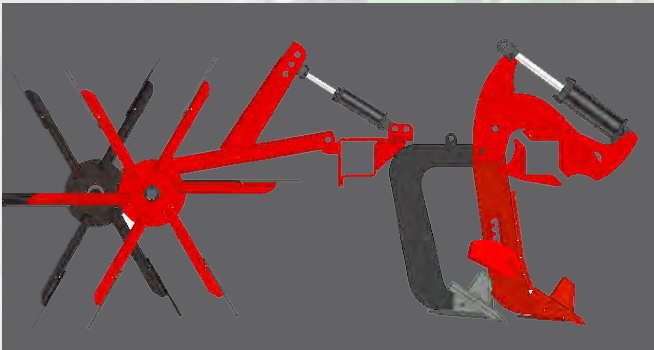
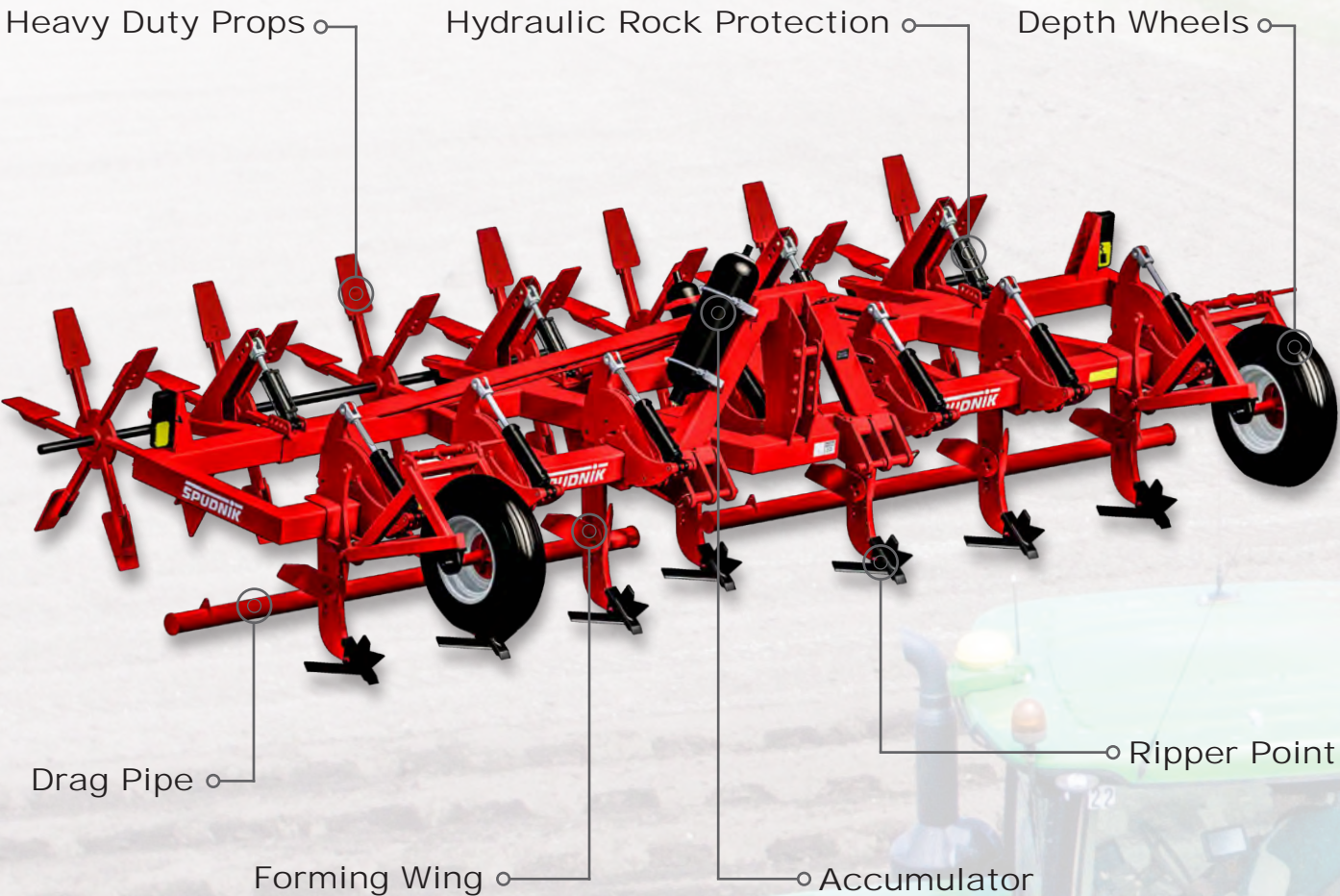


Conrad and Grant Ricks, Ricks Farms, Idaho, USA

"This machine loosens the soil like no other machine we have had before. It leaves the ground fluffy, so more water can be absorbed and reduces clods."

Cultivating

4, 6 and 8 - Row Option



More Precise Operation

Compared to other systems (black), the shank is closer to the tractor, reducing side shift which disturbs the fragile hair roots of the seed.



Wide Ripper Points

The wide ripper shanks loosen and aerate the soil.

Drag Pipe

The drag pipe levels and smooths out the hills to maintain a consistent hill throughout the field.



Props

Optional props in the back of the machine create pockets in the row to conserve water and prevent run-off.



Forming Wings

Adjustable wings help forming the hill.



Depth Wheels

Wheels on the outside of the machine prevent rocking and help set the working depth.



Rock protection

The hydraulic rock protection lets the ripper points move up and over rocks or other obstacles hidden in the ground. An accumulator on the machine ensures a controlled redirection of the oil resulting in a smooth operation.



Hilling

PERFECT ROWS

LOOSEN THE FURROW - RESHAPE THE HILL.

Adequately covering the seed piece with sufficient soil is important for tuber growth. SPUDNIK Hiller forms the soil around the seed piece to eliminate soil erosion and cracks.



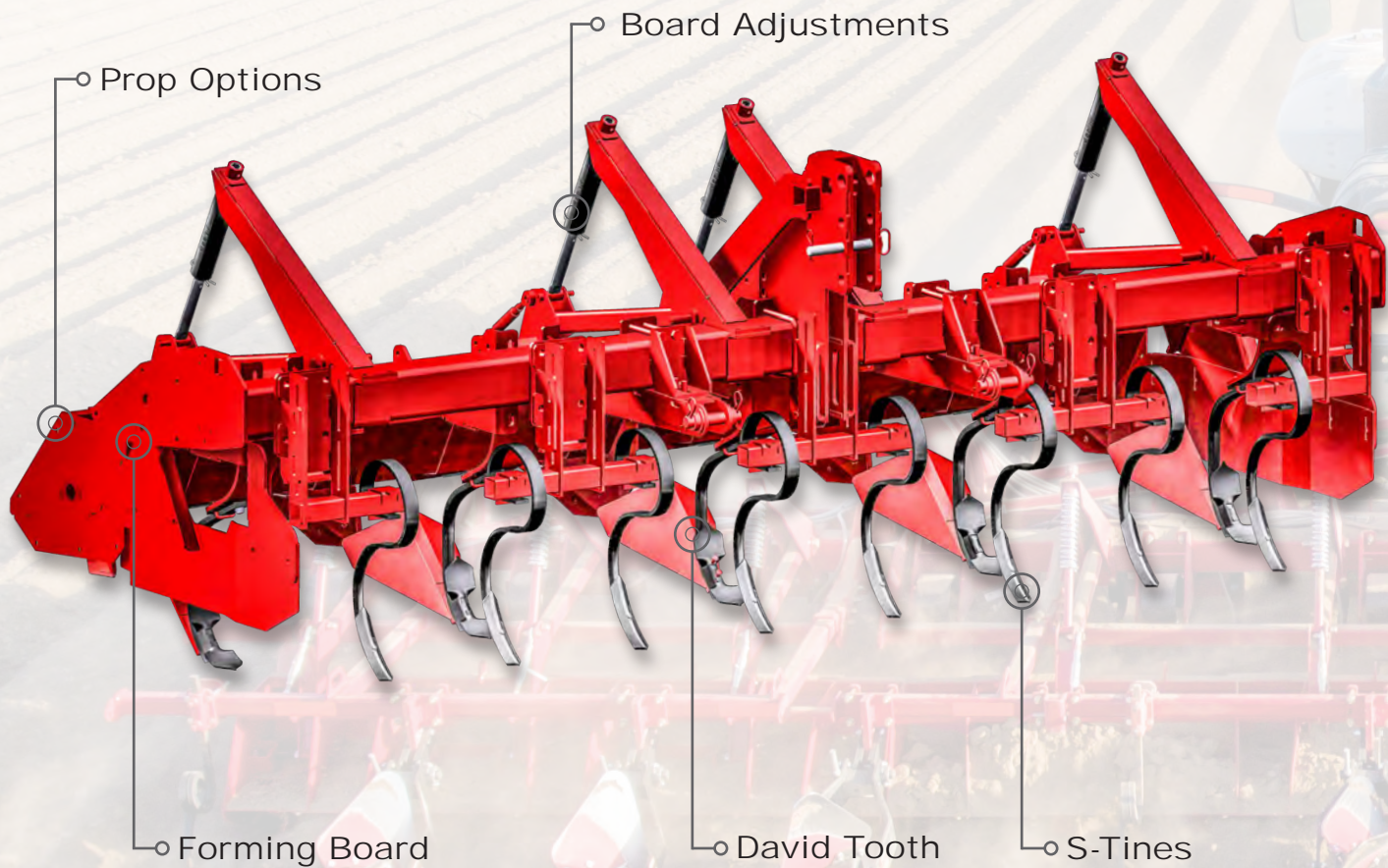
Jon McCrum, County Super Spuds, Maine, USA

"The SPUDNIK hiller builds the most consistent hill we have found, giving us less greening and leaves us a good hill to dig and windrow into in the fall."



Hilling

4, 6, 8 and 12 - Row Option



S-Tine



David Tooth

For sandy soils and rocky conditions, a David Tooth Tine is available with light S-Tines to break up soil crust.



Board Adjustments

The forming board can be adjusted with turnbuckles. Springs assure some give when needed, holding the board in place.



Individual Boards

Individual forming boards assure that every row is hilled independently.



Prop Option

The Spudnik Prop (1) creates a deep pocket without removing soil from the hill. The Sunco Prop (2) creates an angled pocket minimizing vehicle rocking when working in the field.



Various Attachments

Depending on soil conditions, different shanks are utilized to loosen the soil to build the hill.



12-Row

The 12-Row is foldable so it can be transported safely on the street.

Notes

