

SINGLE SHOOT SEED OPENERS | PAIRED ROW SEED OPENERS | FERTILIZER KNIVES





Smart Solutions.

Our line of seed openers and fertilizer applicator knives give you multiple options to fit your operation and your Väderstad Seed Hawk drill. Carbide inserts and extra-hard surfacing placed on critical wear areas add strength and durability, increasing the opener's life.



1/2" FERTILIZER **APPLICATOR KNIVES**

The one-piece design of 1/2" fertilizer applicator knives have a narrow body and fertilizer tube with two carbide inserts on the nose to fracture the ground and precisely place the product in the bottom of the furrow opening.

Choose what works for your operation with options that apply anhydrous ammonia, liquid, dry, or a combination of fertilizer product.



1/2" SINGLE SHOOT **SEED OPENERS**

The one-piece design of 1/2" single shoot seed openers directs seed to the bottom of the furrow opening, placing it in a single row onto a firm, unfractured seedbed.

The carbide insert on the nose. along with additional hardsurfacing on critical wear areas, help increase the opener's life.



3" INLINE TWIN-ROW **SEED OPENERS**

This 3" inline twin-row seed opener directs seed rearward through the holder and places it in two rows onto a firm, unfractured seedbed.

This assembly includes a 3" cast chrome tip (200-TIP-3011) which has carbide inserts on the front of the nose and underside of the wings to maintain a sharp cutting edge.



- ¹686-KNH-5020GL Granular + Liquid ²686-KNH-5020G Granular
- 3686-KNH-5020L Liquid
- 4686-KNH-5020N NH3
- 686-KNH-5020GN Granular + NH3



686-KNH-5010 Seed 7686-KNH-5010P Seed + Liquid Phos



8686-ASY-3011 Seed 9686-ASY-3011P Seed + Liquid Phos

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