

## PLANTS SOYBEANS AND SMALL GRAINS IN 10 IN. ROWS, CORN IN 30 IN. ROWS

### Kinze Unveils New "Double-Row" Planter

New double-row planter units designed to fit Kinze Manufacturing's double-frame planter were unveiled at the recent Farm Progress Show near Knightstown, Ind.

Rather than one double disc opener and seed tube, the new planter units have two openers spaced 10 in. apart. The push-type planter units are designed to be used on the front bar of Kinze's double-frame planter which features row units on a front and back bar. With the double-opener units on the front bar and single-opener units at the back spaced on 30 in. centers, you can solid-seed soybeans, or small grains, in 10-in. rows. To plant corn in 30 in. rows, all you have to do is raise the front units out of the ground and plant with the back rows.

"It gives you a planter that requires a minimum of changeover time during the busy planting season," says Mike Buser, Kinze sales representative.

The double-opener row units are also available for mounting on single tool bars. Some farmers are reportedly mounting the Kinze push planter units at the front of the tractors equipped with front pto's and pulling spray equipment behind.

For more information, contact: FARM SHOW Followup, Kinze



Rear view of double-frame planter shows double-row unit, front, and single unit at rear.

Manufacturing Inc., I-80 at Exit 216, Williamsburg, Iowa 52361 (ph 319 668-1300).

### On-The-Go Fertilizer Filler

Kinze Manufacturing has developed a new central hopper fertilizer distribution system for its huge 24-row Twin Line planter. Rather than fill individual fertilizer hoppers, the new version of the planter features two large central hoppers which then distribute fertilizer to individual rows via two small screw augers.

The new fertilizer distribution system eliminates much of the work of keeping the huge planter filled. To fill the fertilizer hoppers, Kinze built an on-the-go fertilizer tender.

"The planter carries enough seed to plant up to 100 acres without stopping but the fertilizer hoppers have to be filled about every 20 acres. This new on-the-go fertilizer tender, which holds about 5,100 lbs., lets us refill on the go," explains Mike Buser, Kinze sales representative. One fertilizer hopper mounts on either side of the front-end of a mid-sized tractor and a twin pair of augers extends out the front to refill the fertilizer hoppers on the planter. As the planter runs through the field, the tender-driver follows closely behind to

refill it. Wheels on the tractor-tender are spaced to run between planted rows.

"You can cover as much as 15% more ground per day by not having to stop to refill with fertilizer," points out Buser.

The huge Twin Line planter, so named because it's a twin to Kinze's popular double-frame planter, allows you to equip the planter for conventional planting, or with coulters and other attachments for no-till. It can also be fitted with dry or liquid fertilizer, insecticide and herbicide application equipment.

The planter is unique in that it



Stickers applied to unripe apples leave their mark on ripe fruit.

### SPECIAL GROWING PROCESS

## "Designer Apples" Carry Personalized Messages

A former high school ag teacher has developed a new process that lets him put special messages and designs on apples for sale as novelties.

David Guthrie, founder of Apple Attractions, Tonasket, Wash., grows Red Delicious apples in bags to prevent reddening. After harvest, workers put sticker designs on the cream colored apples and use special light to redden them. Once they remove the stickers, the red apples are left with a cream-colored design. A special solution is then applied to the apple to keep the design part of the apple from ripening.

According to Guthrie's associate, John Turner, the company has experienced a big demand for the fruit

from places such as Caesar's Palace in Las Vegas to New York City businesses interested in the idea as a way to promote the "Big Apple".

"So far we've got 23 different designs and messages. The apples are sold in individual gift boxes for \$4.95 each plus \$3.00 shipping and handling," says Turner, noting that the Japanese have worked on developing monogrammed fruit for some 30 years but that their process is much more costly and complex and doesn't always work.

For more information, contact: Apple Attractions, Inc., P.O. Box G, Omak, Wash. 98841 (ph. toll-free 800 692-7753).

has a center pivot design that lets the operator fold up fast for road transport. It takes 2 to 3 min. for the operator to swing the planter into road position, done hydraulically right from the tractor seat.

For more details, contact: FARM SHOW Followup, Kinze Mfg., Interstate 80 at Exit 216, Williamsburg, Iowa 52361 (ph 319 668-1300).

