Finds Practice Has Potential

Seed Firm Plants by Plane

that day hasn't arrived yet, says high population conditions agrial-seeded plots was the un-John Batcha, Midwest Manager Minnesota maturity ratings of even distribution," states Mc grow, a subsidiary of The Up- IXL4 and 85 days for H68307 john Company, experimented Soil preparation of the plot station near Ames

same two varieties were plant- corn every nine seconds ed conventionally in 30 inch

growers plant with amplanes station, the varieties were se 30-inch rows

with that coin growing techni- for the aerial planting experique last season at its research ment was about the same as for conventional planting The A 312 acre test plot at Ames. pilot who did the planting, Bob Iowa, was planted with an air- Shiiei, flew 15 to 20 feet above plane, using two short season the field at 80 to 85 mph, cover Asgrow varieties—IXL4 and an ing a swath 70 to 80 feet wide at experimental hybrid called each pass. He estimated that he H68307 For comparison, the broadcast about a bushel of

A cultivator with spring rows in the same field the same tooth attachment was used to cover the seed after it was According to J Brenton Mc- sown Good weed control was obtained with a broadcast ap plication of four pounds of At ex plus one gallon of oil

"Two problems with the aerial seeded corn soon became apparent" reported McKee, "uneven emergence, probably due to differences in seed depth, and uneven plant distribution Large areas had no plants while other areas had populations as high as 70,000 plants per acre. We were trying for a final population of about 35 000 per acre with H68307 and 30,000 with IXL4

When the plots were harvested in mid-November the aerialseeded H63307 yielded 776 bushels per acre at 1643 per cent moisture while the same variety in 30 inch rows yielded 828 bushels at 156 per cent The IXL4 yielded 766 bushels per acre at 1834 per cent mois

beneath where the plane flew. the stand was very thin Popula tion at the outer edges of each swath was very high At one had to fly higher than 20 feet because of low of trees, the dis tribution was more uniform That leads us to believe a more uniform distribution might plane have been obtained if the coin had been seeded from a higher altitude "

One of the things Asgiow wanted to find out was whether an aerial seeded corn crop could be harvester successfully with a conventional small grain head ened to seriously delay plant- savings are enormous"

tractor job faster and easier.

the field. In the area directly and plant that had to be taken, two or three weeks later. ground speed was cut in half from normal row harvesting"

"Second, there's timeliness 10 in this area

The day may come when coin Kee. Manager of the research 1342 bushels at 179 per cent in We experimented with both a ing. Tarmers might be able to John Deere combine and a Mas- prepare the ground for aerial and harvest with small grain lected because of this excellent "We feel the primary reason sey-Ferguson combine with a seeding with a shallow tillage operation when it couldn't be that day hasn't arrived yet says high population conditions. "Field losses were low with prepared for conventional both machines, around three to planting And the yield might of Asgrow Seed Company As- the hybrids are 105 days for Kee, "which resulted in barren four bushels per acre, but due be greater than the yield from plants as well as bare spots in to the large amount of stalk a conventional planting made

> Third, ther's a possible saving of time and equipment ex-Is there a future for aerial pense by using a standard grain seeding of corn, McKee sees head for harvesting corn. A end of the field, where the pilot several potential benefits in the farmer could move from harpractice "First, there's saving vesting grain or soybrans to of time and labor," he explains harvesting coin without chang-"One man could plant several ing the head on his combine, hundred acres a day with a and he wouldn't have to invest ın a coın head

> > "I wouldn't advise any one Studies have shown a poten- to rush right out and trade his tial loss of about one bushel planter for an amplane," Mcper acre per day for every Kee concludes, "but Asgrow inplanting day delayed after May tends to continue research on aerial seeding The potential "If a cool, wet spring threat- benefits of time, labor and cost

Help Us

Don't assume we know about your farm organization's meeting To get your meeting on our Farm Calendai, it's safei to assume we don't know

Remind us by calling 394-3047 or 626-2191 or by writing to Lancastei Faiming 22 E Main St Lititz, Pa 17543 You'll be helping us to serve you better

PS - If you're not sure you told us already, we don't mind hearing from you again

Serve You

ture in the aerial seeding and Last year Bux' killed more com rootworms than any other

insecticide. What makes Bux so special? A lot of things, including effective season long control. Just a single application of Bux at planting time keeps corn standing tall right up to harvest. Besides that Buy offers several 'extras " Extras no other root-

coin rootworin

worm insecticide can give you.

• It resists leaching in rainy weather. • It's lower in toxicity. You don't need special clothing or equipment. Just follow what it says on the label.

Corn treated with Bux can be fed to livestock.

• It won't bridge over in applicator hoppers or clog equipment.

• It doesn't have an objectionable odor like other insecticides.

So treat your corn to Bux. Before rootworms treat themselves to your corn.

CHEVRON CHEMICAL COMPANY ORTHO DIVISION

Helping the World Grow Better®

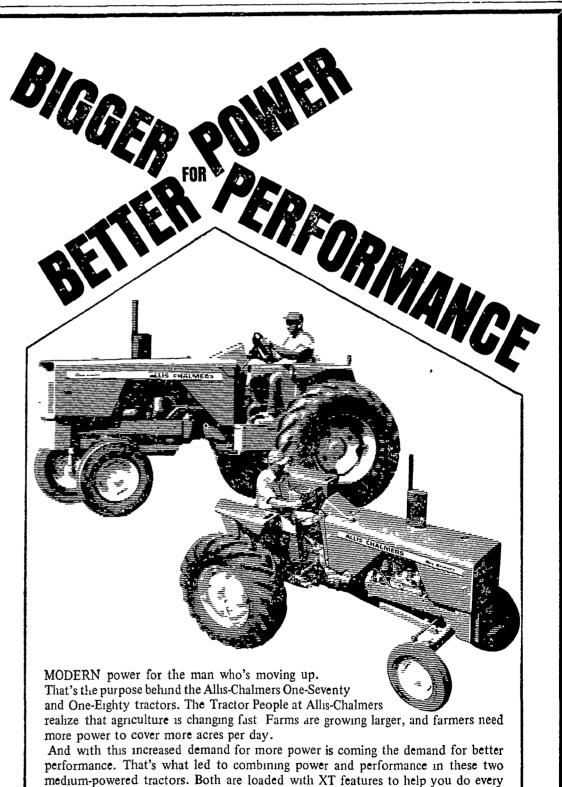


THE S-ORTHO CHEVRON DESIGN, HELPING THE WORLD GROW BETTER BUX-REG U.S. PAT OFF. ON ALL CHEMICALS READ CAUTIONS, WARNINGS AND DIRECTIONS BEFORE USE

P. L. ROHRER & BRO., INC.

SMOKETOWN

Phone Lanc. 397-3539



The 3-plow One-Seventy, and the 4-plow One-Eighty . . . two great new reasons why

Grumelli Farm Service

Quarryville, Pa.

N. G. Myers & Son

Rheems, Pa.

L. H. Brubaker

Lititz, Pa.

Going Orange is Going Great. Try one and see for yourself.

L. H. Brubaker

Lancaster, Pa.

Nissley Farm Service

Washington Boro, Pa.

Roy H. Buch, Inc.

Ephrata, R.D. 2