

MORRIS



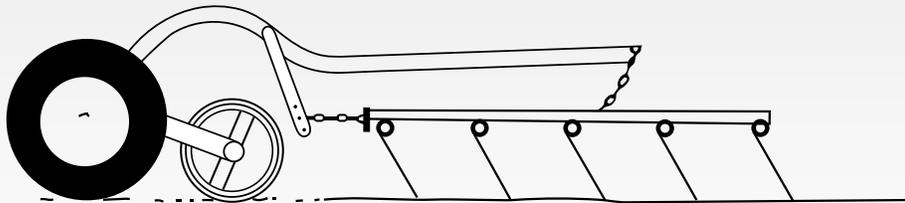
RANGLER III

WING UP PACKER HARROW BAR

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SEED DEPTH IS CRITICAL FOR EVEN GERMINATION AND MAXIMUM YIELDS

MORRIS CONCEPT

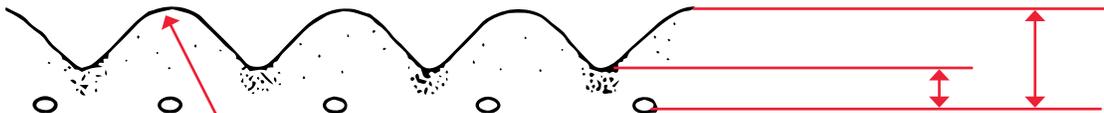
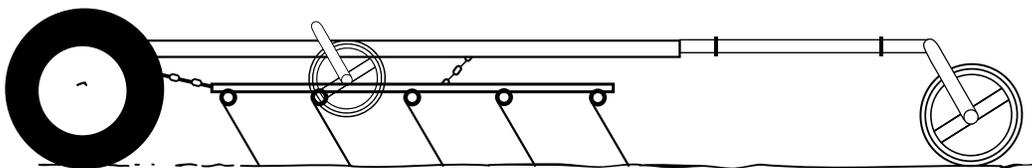


Smooth surface covered by loose soil.

Consistent seed depth.

Trash and dead weeds for better soil production.

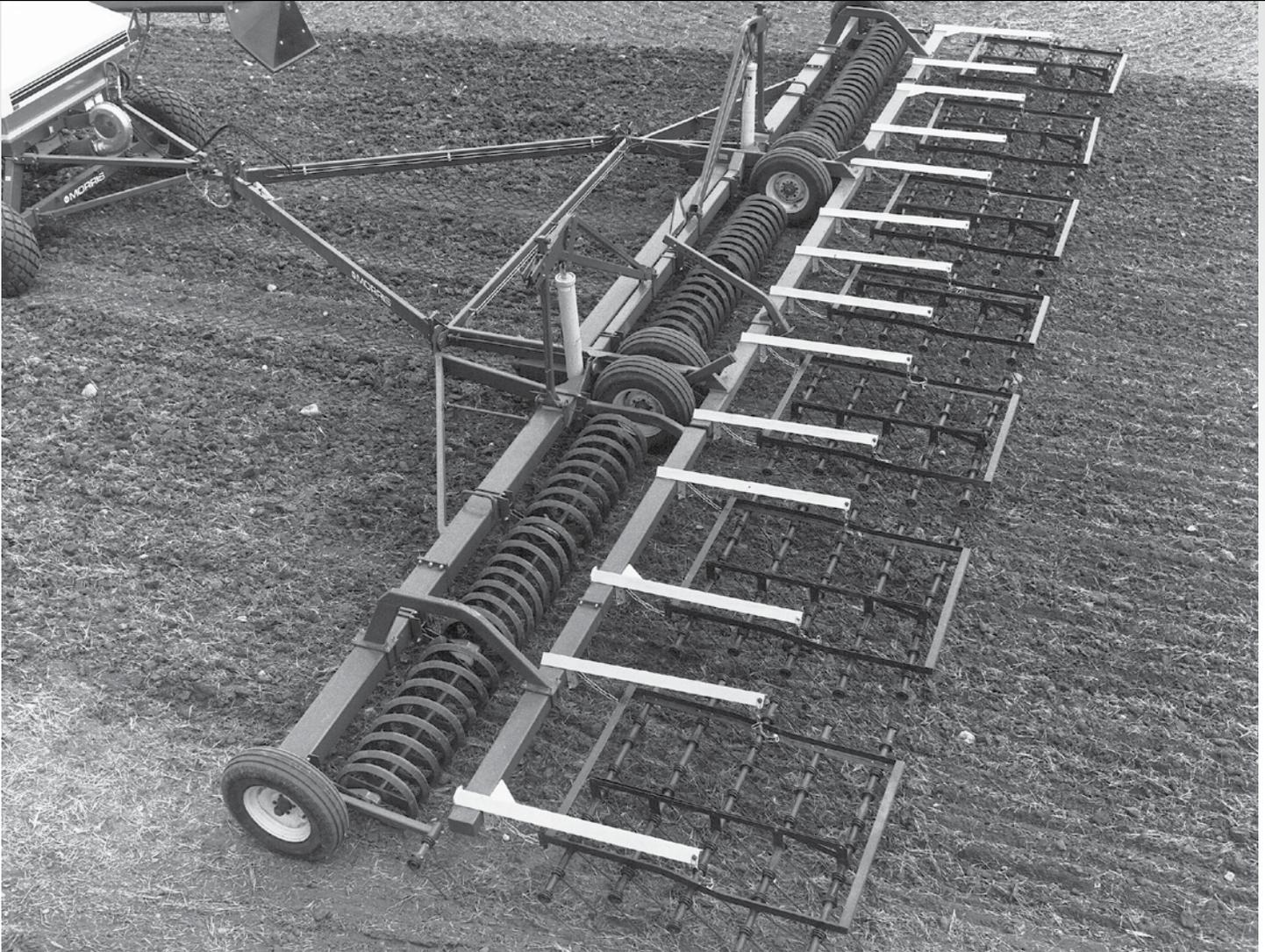
COMPETITION CONCEPT



Inconsistent seed depth and emergence.

Little or no trash on surface.

Bought and used as a basic packer bar, it can easily be converted into a packer harrow bar at a later date by adding a bolt-on kit consisting of carrier arms and harrow sections.



SEEDBED

When the Rangler III is used behind an Air Seeder, packing first gives good soil/seed contact and with the harrows following, provides an even layer of soil above the seed, giving the potential for greater yields.

By packing first, moisture is readily available to the seed for better germination. Any moisture loss by capillary action will be reduced by the loose nature of the soil.

Packer and harrow sections have complete freedom to follow ground contours and clear large stones without damage.

PACKER BAR

Packers are pulled end to end directly behind the frame members. This in conjunction with the closed ends eliminates any ground surface being missed between packer coils and prevents packers from locking together in either field or transport position. Two different packer coil sizes are available. Optional track eradicators are available for Packer Bars.



RANGLER III
Specifications and Options

Model	36 feet		41 feet	
	Standard	Optional	Standard	Optional
1 3/4" (4.45 cm) Square Coil Packer, 130 lb./ft. (1.94 kg/cm) 19 3/4" (50 cm) Dia. 5 3/4" (14.6 cm) pitch with 2 Tapered Roller Bearing Sets.	X		X	
5-Bar Harrows with Straight Tine. 3/8" (0.95 cm) x 15" (38 cm) Long Tines.	X		X	
Dual Axle Main Frame - Tire Size - 11L x 15 FI - Load Range D	4		4	
Wing Axle Tire -7.60 x 15 - 6 ply rating	2		2	
Lift Cylinders - 4 1/2" (11.4 cm) Dia. x 30" (76.2 cm) Stroke	2		2	
Cart Frames - 2" (5 cm) x 6" (15 cm) Structural Tubing	X		X	
Wing Frames - 6" (15 cm) x 8" (20.3 cm) Structural Tubing	X		X	
Harrow Arms - 3" (7.6 cm) x 3" (7.6 cm) Angle		X		X
1 3/4" (4.45 cm) Square Coil Packer Kit (To pack behind the main frame tires). Used only with Packer Bar.		X		X
Safety Lights	X		X	
Safety Chain	X		X	
Standard Hitch - 133 7/8" (340 cm) Long	X		X	
Optional Hitch - 238 7/8" (607 cm) Long		X		X
Weight - With 1.5" Packers and 5 Bar Harrows	8,550 lbs. (3,886 kg)		9,310 lbs. (4,232 kg)	
Transport Height	14' 4" (4.37 m)		16' 9" (5.10 m)	
Transport Width	20' 3" (6.17 m)		20' 8" (6.30 m)	
Overall Length with Standard Hitch and Harrows	25' 5" (7.75 m)		25' 5" (7.75 m)	
60" (152 cm) Wide Harrows	6		3	
75" (190.5 cm) Wide Harrows	1		4	
31.75" (80.6 cm) Long Packer Coil	0		2	
43.75" (111 cm) Long Packer Coil	2		4	
54" (137 cm) Long Packer Coil	4		2	

Specifications are subject to change without notice.